



105-006 PCT/PTO 30 JUN 2003

446

SEQUENCE LISTING

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Jurzak, Mirek
Luyten, Walter H.

<120> Cloning and Expression Of A Novel 5-HT4 Receptor

<130> JAB1517

<140> 10/018,257
<141> 2000-06-14

<150> GB/9913850.5
<151> 1999-06-14

<160> 13

<170> PatentIn version 3.2

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tca gtg gag aag gtg ctg ctc acg ttt ctc tcg acg gtt atc ctg		96
Ser Val Glu Lys Val Val Leu Leu Thr Phe Leu Ser Thr Val Ile Leu		
20 25 30		
atg gcc atc ttg ggg aac ctg ctg gtg atg gtg gct gtg tgc tgg gac		144
Met Ala Ile Leu Gly Asn Leu Leu Val Met Val Ala Val Cys Trp Asp		
35 40 45		
agg cag ctc agg aaa ata aaa aca aat tat ttc att gta tct ctt gct		192
Arg Gln Leu Arg Lys Ile Lys Thr Asn Tyr Phe Ile Val Ser Leu Ala		
50 55 60		
ttt gcg gat ctg ctg gtt tcg ctg gtg atg ccc ttt ggt gcc att		240
Phe Ala Asp Leu Leu Val Ser Val Leu Val Met Pro Phe Gly Ala Ile		
65 70 75		
gag ctg gtt caa gac atc tgg att tat ggg gag gtg ttt tgt ctt gtt		288
Glu Leu Val Gln Asp Ile Trp Ile Tyr Gly Glu Val Phe Cys Leu Val		
80 85 90 95		
cgg aca tct ctg gac gtc ctg ctc aca acg gca tcg att ttt cac ctg		336
Arg Thr Ser Leu Asp Val Leu Leu Thr Ala Ser Ile Phe His Leu		
100 105 110		
tgc tgc att tct ctg gat agg tat tac gcc atc tgc tgc cag cct ttg		384
Cys Cys Ile Ser Leu Asp Arg Tyr Tyr Ala Ile Cys Cys Gln Pro Leu		
115 120 125		
gtc tat agg aac aag atg acc cct ctg cgc atc gca tta atg ctg gga		432
Val Tyr Arg Asn Lys Met Thr Pro Leu Arg Ile Ala Leu Met Leu Gly		
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145

150

155

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aac tct aac tct acg tac tgt gtc ttc atg gtc aac aag ccc tac gcc Asn Ser Asn Ser Thr Tyr Cys Val Phe Met Val Asn Lys Pro Tyr Ala 195 200 205	624
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ctg gcc tat tac cgc atc tat gtc aca gct aag gag cat gcc cat cag Leu Ala Tyr Tyr Arg Ile Tyr Val Thr Ala Lys Glu His Ala His Gln 225 230 235	720
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gcc aag acc ctg tgc atc atc atg ggt tgc ttc tgc ctc tgc tgg gca Ala Lys Thr Leu Cys Ile Ile Met Gly Cys Phe Cys Leu Cys Trp Ala 275 280 285	864
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Gln Leu Arg Lys Ile Lys Thr Asn Tyr Phe Ile Val Ser Leu Ala Phe
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Ala Asp Leu Leu Val Ser Val Leu Val Met Pro Phe Gly Ala Ile Glu
65 70 75 80

Leu Val Gln Asp Ile Trp Ile Tyr Gly Glu Val Phe Cys Leu Val Arg
85 90 95

Thr Ser Leu Asp Val Leu Leu Thr Thr Ala Ser Ile Phe His Leu Cys
100 105 110

Cys Ile Ser Leu Asp Arg Tyr Tyr Ala Ile Cys Cys Gln Pro Leu Val
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Tyr Arg Asn Lys Met Thr Pro Leu Arg Ile Ala Leu Met Leu Gly Gly
130 135 140

Cys Trp Val Ile Pro Thr Phe Ile Ser Phe Leu Pro Ile Met Gln Gly
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Trp Asn Asn Ile Gly Ile Ile Asp Leu Glu Arg Ser Leu Asn Gln Gly
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Ser Asn Ser Thr Tyr Cys Val Phe Met Val Asn Lys Pro Tyr Ala Ile
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Thr Cys Ser Val Val Ala Phe Tyr Ile Pro Phe Leu Leu Met Val Leu
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Ala Tyr Tyr Arg Ile Tyr Val Thr Ala Lys Glu His Ala His Gln Ile
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245 250 255

Ala Asp Gln His Ser Thr His Arg Met Arg Thr Glu Thr Lys Ala Ala
260 265 270

Lys Thr Leu Cys Ile Ile Met Gly Cys Phe Cys Leu Cys Trp Ala Pro
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Phe Phe Val Thr Asn Ile Val Asp Pro Phe Ile Asp Tyr Thr Val Pro
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Gly Gln Val Trp Thr Ala Phe Leu Trp Leu Gly Tyr Ile Asn Ser Gly
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Leu Asn Pro Phe Leu Tyr Ala Phe Leu Asn Lys Ser Phe Arg Arg Ala
 325 330 335

Phe Leu Ile Ile Leu Cys Cys Asp Asp Glu Arg Tyr Arg Arg Pro Ser
 340 345 350

Ile Leu Gly Gln Thr Val Pro Cys Ser Thr Thr Thr Ile Asn Gly Ser
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